

ABSTRACT

A system for analysing fabric surface appearance includes a feed mechanism for running a fabric over a crest including, a frame for holding the fabric bent to form a crest, an 5 image capturing device to capture profile images of the fabric surface at the crest, and a computer system for manipulate the images. The computer system produces a three-dimensional representation of the fabric surface and identifies prominent characteristics in the three- 10 dimensional representation. The information is compared to reference data to identify a grade for the fabric.